



**GE Consumer & Industrial**  
Specialty Transformer  
PO Box 1701  
Ft. Wayne, IN 46801  
(260) 439-2000

**GE MODEL #:**  
**9T83C9872G80**

Underwriters' Laboratories Inc Listed

**RATING:**

CU 3PH 60HZ 30.0KVA 480 +2,-4(2.5%TAPS) 208Y/120

Frame = EE73  
Temp. Rise (C) = 80 Insulation System = 220C  
Average Sound Level (dB) = 45

**LOSS DATA @ 100% LOAD:**

Core Loss or No Load Loss @ 100% voltage (Watts) =	267.0
Impedance Loss or Coil Loss @ Rise + 20C reference (Watts) =	<u>615.0</u>
Total Loss @ Rise + 20C reference (Watts) =	882.0

**DIELECTRIC AND PRODUCTION TESTING:**

Induce Test @ Twice rated voltage 400 Hz per ANSI C89.2 and NEMA ST-20  
Hipot Test for High Voltage winding to Low Voltage and Ground @ 4000 volts 60 Hz 60 Sec.  
Hipot Test for Low Voltage winding to High Voltage and Ground @ 2500 volts 60 Hz 60 Sec.  
Polarity additive in accordance with ANSI C89.2 and NEMA ST-20

**EFFICIENCY:**

Efficiencies at reference temperature of Rise + 20C (Calculated).

Load (%)	Efficiency (%)
35	at least 97.5

**IMPEDANCE:**

Impedance at reference temperature of Rise + 20C (Calculated).

%R =	1.9
%X =	2.3
%Z =	3.0

**REGULATION:**

Regulation at reference temperature of Rise + 20C (Calculated).

PF	Regulation (%)
1.0	1.9
0.8	2.9